APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/516,518	04/14/2005	Linus Wiebe	3782-0226PUS2	4437

2292	7590	05/16/2006		

BIRCH STEWART KOLASCH & BIRCH
PO BOX 747
FALLS CHURCH, VA 22040-0747

EXAMINER
HAUPT, KRISTY A

ART UNIT	PAPER NUMBER
2876	

DATE MAILED: 05/16/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

PTO-90C (Rev. 10/03)

Office Action Summary	Application No.	Applicant(s)
	10/516,518	WIEBE ET AL.
	Examiner	Art Unit	
	Kristy A. Haupt	2876	

-- *The MAILING DATE of this communication appears on the cover sheet with the correspondence address* --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.
- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☒ Responsive to communication(s) filed on _14 April 2005_.

2a)☐ This action is **FINAL**.   2b)☒ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒ Claim(s) _15-57_ is/are pending in the application.

    4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5)☐ Claim(s) _____ is/are allowed.

6)☒ Claim(s) _15-57_ is/are rejected.

7)☐ Claim(s) _____ is/are objected to.

8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9)☐ The specification is objected to by the Examiner.

10)☒ The drawing(s) filed on _02 December 2004_ is/are: a)☒ accepted or b)☐ objected to by the Examiner.

    Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

    Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12)☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

    a)☒ All b)☐ Some * c)☐ None of:

      1.☐ Certified copies of the priority documents have been received.

      2.☐ Certified copies of the priority documents have been received in Application No. _____.

      3.☒ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

    * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1)☐ Notice of References Cited (PTO-892)

2)☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)

3)☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) Paper No(s)/Mail Date _12/04_.

4)☐ Interview Summary (PTO-413) Paper No(s)/Mail Date. _____.

5)☐ Notice of Informal Patent Application (PTO-152)

6)☐ Other: _____.

DETAILED ACTION

This action is in response to Application Number 10/516,518 filed 14 April 2005 and claiming benefit from Swedish PCT Application PCT/SE03/00886 dated 30 May 2003, US Provisional Application dated 10 June 2002 and Swedish patent application dated 05 June 2002. Claims 15-57 have been examined.

Claim Rejections - 35 USC § 102

(a) the invention was known or used by others in this country, or patented or described in a printed publication in this or a foreign country, before the invention thereof by the applicant for a patent.

1.   Claims 15-45 are rejected under 35 U.S.C. 102(a) as being anticipated by Anoto AB WO 01/48678 A1.

Anoto teaches:

With respect to claim 15, a method, in a computer system, of transferring information from a drawing device, which is configured to detect position data on a base by means of a position-coding pattern, which constitutes part of an abstract position-coding pattern, to an application in the computer system, said method comprising:

- Storing in a memory in the computer system position data coming from the drawing device (Page 14, Lines 16-28)

- Determining, based on a location of said position data in the abstract position-coding pattern, which applications in the computer system are registered to utilize received data (Page 14, Lines 28-33 and Page 15, Lines 8-16)

- Transferring said position data from the memory to said applications (Page 15, Lines 8-20)

With respect to claim 16 and incorporating all arguments of claim 15:

- Wherein said determining occurs on the basis of particulars in a register which comprises information about which applications utilize different parts of the position-coding pattern (Page 15, Lines 8-26)

With respect to claim 17 and incorporating all arguments of claim 16:

- Wherein said determining occurs on the basis of a page identity of incoming data in the abstract position-coding pattern (Page 35, Lines 14-35 and Page 15, Lines 8-20)

With respect to claim 18 and incorporating all arguments of claim 15:

- Wherein said determining occurs on the basis of particulars in a page-describing file (Page 35, Lines 9-35)

With respect to claim 19 and incorporating all arguments of claim 18:

- Wherein the page-describing file corresponds to the location of incoming position data in the abstract position-coding pattern and comprises particulars about associated services, and wherein said determining also occurs on the basis of particulars in a register,

containing information about which applications are associated with

different services (Page 36, Lines 15-35, Page 38, Lines 3-11)

With respect to claim 20 and incorporating all arguments of claim 15:

- Wherein, in said determining, if an application is found to be

  registered to utilize received data, the application is informed about

  the existence of new position data in the memory (Page 15, Lines

  8-26)

With respect to claim 21 and incorporating all arguments of claim 20:

- Wherein, in said transferring, the application fetches said position

  data from the memory (Page 15, Lines 8-26)

With respect to claim 22 and incorporating all arguments of claim 21:

- Wherein said position data is fetched on the basis of the contents of

  a page-describing file which contains information about the

  structure of the base relative to the received data (Page 14, Lines

  16-33 and Page 15, Lines 8-26)

With respect to claim 23, a computer program for transferring, in a

computer system, information from a drawing device, which is adapted to

detect position data in a position-coding pattern, to an application in the

computer system, said computer program comprising instructions

corresponding to:

- Storing in a memory in the computer system position data coming

    from the drawing device (Page 14, Lines 16-28)

- Determining, based on a location of said position data in the

    position-coding pattern, which applications in the computer system

    are registered to utilize received data (Page 14, Lines 28-33 and

    Page 15, Lines 8-16)

- Transferring said position data from the memory to said

    applications (Page 15, Lines 8-20)

With respect to claim 24 and incorporating all arguments of claim 23:

- A digital storage medium comprising a computer program (Abstract

    and Page 19, Lines 1-17)

With respect to claim 25, a device for transferring, in a computer system,

information from a drawing device, which is configured to detect position

data in a position-coding pattern, to an application in the computer system,

said device comprising:

- A storage handler, which stores in a memory in the computer

    system position data coming from the drawing device (Page 14,

    Lines 16-33)

- A registration handler which determines, based on a location of said position data in the position-coding pattern, which applications in the computer system are registered to utilize received data (Page 14, Lines 28-33 and Page 15, Lines 8-16)

- A transfer handler which enables transfer of said position data from the memory to said applications (Page 15, Lines 8-20)

With respect to claim 26 and incorporating all arguments of claim 25:

- Wherein said registration handler determines which applications in the computer system are registered to utilize received data, on the basis of particulars in a register which comprises information about which applications utilize different parts of the position-coding pattern (Page 15, Lines 8-16)

With respect to claim 27 and incorporating all arguments of claim 26:

- Wherein said registration handler determines which applications in the computer system are registered to utilize received data, on the basis of a page identity of incoming data in the abstract position-coding pattern (Page 35, Lines 14-35 and Page 15, Lines 8-20)

With respect to claim 28 and incorporating all arguments of claim 25:

- Wherein said registration handler determines which applications in the computer system are registered to utilize received data, on the basis of particulars in a page-describing file (Page 35, Lines 9-35)

With respect to claim 29 and incorporating all arguments of claim 28:

- Wherein the page-describing file corresponds to the location of incoming position data in the abstract position-coding pattern and comprises particulars about associated services, and wherein said registration handler also determines which applications in the computer system are registered to utilize received data on the basis of particulars in a register, containing information about which applications are associated with different services (Page 36, Lines 15-35, Page 38, Lines 3-11)

With respect to claim 30 and incorporating all arguments of claim 25:

- Wherein, if an application is found to be registered to utilize received data, said registration handler informs the application about the existence of new position data in the memory (Page 15, Lines 8-26)

With respect to claim 31 and incorporating all arguments of claim 30:

- Wherein said transfer handler provides for the application to fetch

  said position data from the memory (Page 15, Lines 8-26)

With respect to claim 32 and incorporating all arguments of claim 31:

- Wherein said drawing device is configured to detect said positions

  from a base provided with said position-coding pattern, wherein

  said position data is fetched on the basis of the contents of a page-

  describing file which contains information about the structure of the

  base relative to the received data (Page 14, Lines 16-33 and Page

  15, Lines 8-26)

With respect to claim 33, a method, in a computer system, of identifying

an application in the computer system to receive information from a

drawing device which is configured to detect position data in a position-

coding pattern, said method comprising:

- Receiving incoming position data from the drawing device (Page

  14, Lines 16-33)

- Deriving, based upon said incoming position data, a service

  identifier (Page 14, Lines 16-33, Page 15, Lines 8-20 and Page 36,

  Line 15 – Page 38, Line 11)

- Identifying, based upon said service identifier, at least one application in the computer system (Page 15, Lines 8-20 and Page 36, Line 15 – Page 38, Line 11)

With respect to claim 34 and incorporating all arguments of claim 33:

- Wherein said position-coding pattern is a subset of an abstract position-coding pattern (Page 16, Line 15 – Page 17, Line17), said deriving comprising deriving said service identifier based upon a location of said incoming position data in the abstract position-coding pattern (Page 14, Lines 16-33, Page 15, Lines 8-20, Page 33, Lines 1-35 and Page 36, Line 15 – Page 38, Line 11)

With respect to claim 35 and incorporating all arguments of claim 33:

- Wherein said deriving of the service identifier occurs on the basis of particulars in a page-describing file (Page 14, Lines 16-33, Page 15, Lines 8-26 and Page 35, Line 14 – Page 36, Line 26)

With respect to claim 36 and incorporating all arguments of claim 34:

- Wherein said deriving of the service identifier occurs on the basis of particulars in a page-describing file, which corresponds to the location of said incoming position data in the abstract position-coding pattern and comprises said service identifier (Page 33, Lines 1-35 and Page 35, Line 14 – Page 38, Line 11)

With respect to claim 37 and incorporating all arguments of claim 36:

- Wherein the page-describing file as such is associated with said service identifier (Page 33, Lines 1-35 and Page 35, Line 14 – Page 38, Line 11)

With respect to claim 38 and incorporating all arguments of claim 36:

- Wherein the page-describing file corresponds to said subset of the abstract position-coding pattern, said subset as a whole being associated with said service identifier (Page 36, Line 15 – Page 37, Line 32)

With respect to claim 39 and incorporating all arguments of claim 36:

- Wherein the page-describing file corresponds to said subset of the abstract position-coding pattern, a specific part of said subset being associated with said service identifier (Page 36, Line 15 – Page 37, Line 32)

With respect to claim 40 and incorporating all arguments of claim 33:

- Wherein said deriving occurs on the basis of particulars in a register, which associates said position data with said at least one service identifier (Page 15, Lines 8-26)

With respect to claim 41 and incorporating all arguments of claim 33:

- Wherein said identifying occurs on the basis of particulars in a register, which associates said service identifier with said at least one application (Page 15, Lines 8-26 and Page 38, Lines 3-11)

With respect to claim 42, a computer program for identifying, in a computer system, an application in the computer system to receive information from a drawing device which is configured to detect position data in a position-coding pattern, said computer program comprising instructions corresponding to:

- Receiving incoming position data from the drawing device (Page 14, Lines 16-33)
- Deriving, based upon said incoming position data, a service identifier (Page 14, Lines 16-33, Page 15, Lines 8-20 and Page 36, Line 15 – Page 38, Line 11)
- Identifying, based upon said service identifier, at least one application in the computer system (Page 15, Lines 8-20 and Page 36, Line 15 – Page 38, Line 11)

With respect to claim 43 and incorporating all arguments of claim 42:

- A digital storage medium comprising a computer program (Abstract and Page 19, Lines 1-17)

With respect to claim 44, a device for identifying, in a computer system, an application in the computer system to receive information from a drawing device which is configured to detect position data in a position-coding pattern, said device comprising:

- A receiver which receives incoming position data from the drawing device (Page 14, Lines 16-33)

- A service handler which, based upon said incoming position data, derives a service identifier (Page 14, Lines 16-33, Page 15, Lines 8-20 and Page 36, Line 15 – Page 38, Line 11)

- A registration handler which, based upon said service identifier, identifies at least one application in the computer system (Page 15, Lines 8-20 and Page 36, Line 15 – Page 38, Line 11)

With respect to claim 45 and incorporating all arguments of claim 44:

- Wherein said position-coding pattern is a subset of an abstract position-coding pattern (Page 16, Line 15 – Page 17, Line17), wherein said service handler derives said service identifier based upon a location of said incoming position data in the abstract position-coding pattern (Page 14, Lines 16-33, Page 15, Lines 8-20, Page 33, Lines 1-35 and Page 36, Line 15 – Page 38, Line 11)

With respect to claim 46 and incorporating all arguments of claim 44:

- Wherein said service handler derives the service identifier on the basis of particulars in a page-describing file (Page 14, Lines 16-33, Page 15, Lines 8-26 and Page 35, Line 14 – Page 36, Line 26)

With respect to claim 47 and incorporating all arguments of claim 45:

- Wherein said service handler derives the service identifier on the basis of particulars in a page-describing file, and wherein the page-describing file corresponds to the location of said incoming position data in the abstract position-coding pattern and comprises said service identifier (Page 33, Lines 1-35 and Page 35, Line 14 – Page 38, Line 11)

With respect to claim 48 and incorporating all arguments of claim 47:

- Wherein the page-describing file as such is associated with said service identifier (Page 33, Lines 1-35 and Page 35, Line 14 – Page 38, Line 11)

With respect to claim 49 and incorporating all arguments of claim 47:

- Wherein the page-describing file corresponds to said subset of the abstract position-coding pattern, said subset as a whole being associated with said service identifier (Page 36, Line 15 – Page 37, Line 32)

With respect to claim 50 and incorporating all arguments of claim 47:

- Wherein the page-describing file corresponds to said subset of the abstract position-coding pattern, a specific part of said subset being associated with said service identifier (Page 36, Line 15 – Page 37, Line 32)

With respect to claim 51 and incorporating all arguments of claim 44:

- Wherein said service handler derives said service identifier on the basis of particulars in a register, which associates said position data with said at least one service identifier (Page 15, Lines 8-26)

With respect to claim 52 and incorporating all arguments of claim 44:

- Wherein said registration handler identifies said at least one application on the basis of particulars in a register, which associates said service identifier with said at least one application (Page 15, Lines 8-26 and Page 38, Lines 3-11)

With respect to claim 53, a method of registering an application in a computer system, the application being configured to receive, in the computer system, position data which is generated when a drawing device is passed over part of an abstract position-coding pattern, which part is printed on a base, said method comprising:

- Registering the application as associated with at least one service, part of the abstract position-coding pattern being registered in the computer system as associated with the service (Page 15, Lines 8-26 and Page 38, Lines 3-11)

With respect to claim 54 and incorporating all arguments of claim 53:

- Wherein the application is registered as associated with a basic service and with an additional service, the additional service at least comprising all the functionality of the basic service (Page 28, Lines 19-33 and Page 38, Line 3 – Page 39, Line 31)

With respect to claim 55, a computer program for registering an application in a computer system, the application being configured to receive in the computer system position data which is generated when a drawing device is passed over part of an abstract position-coding pattern which part is printed on a base, said computer program comprising instructions corresponding to:

- Registering the application as associated with at least one service, part of the abstract position-coding pattern being registered in the computer system as associated with the service (Page 15, Lines 8-26 and Page 38, Lines 3-11)

With respect to claim 56 and incorporating all arguments of claim 55:

- Wherein the application is registered as associated with a basic
  service and with an additional service, the additional service at
  least comprising all the functionality of the basic service (Page 28,
  Lines 19-33 and Page 38, Line 3 – Page 39, Line 31)

With respect to claim 57 and incorporating all arguments of claim 55:

- A digital storage medium comprising a computer program (Abstract
  and Page 19, Lines 1-17).

Examiner's Note

Examiner has cited particular column and line numbers in the references
as applied to the claims above for the convenience of the applicant. Although the
specified citations are representative of the teachings of the art and are applied
to the specific limitations within the individual claim, other passages and figures
may apply as well. It is respectfully requested form the Applicant in preparing
responses, to fully consider the references in entirety as potentially teaching all
or part of the claimed invention, as well as the context of the passage as taught
by the Prior Art or disclosed by the Examiner.

Contact Information

Any inquiry concerning this communication or earlier communications from

the examiner should be directed to Kristy A. Haupt whose telephone number is

(571) 272-8545. The examiner can normally be reached on M-F 7:00-3:30.

If attempts to reach the examiner by telephone are unsuccessful, the

examiner's supervisor, Michael G. Lee can be reached on (571) 272-2398. The

fax phone number for the organization where this application or proceeding is

assigned is 571-273-8300.

Information regarding the status of an application may be obtained from

the Patent Application Information Retrieval (PAIR) system. Status information

for published applications may be obtained from either Private PAIR or Public

PAIR. Status information for unpublished applications is available through

Private PAIR only. For more information about the PAIR system, see http://pair-

direct.uspto.gov. Should you have questions on access to the Private PAIR

system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-

free).

5/2/06

KAH

STEVEN S. PAIK
PRIMARY EXAMINER